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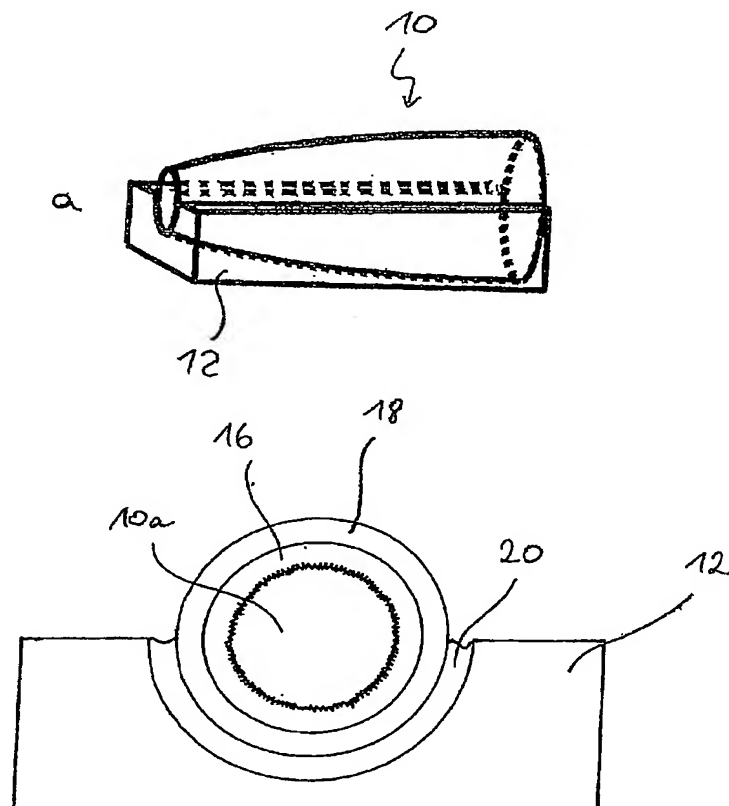
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(57) Abstract: In a method for
producing a replication master (10)
having a surface with low roughness,
comprising the steps of forming said
master (10) such as to have a desired
external surface shape corresponding to
a counterform of a surface of an object
(18, 20) to be produced by replication
and treating said external surface of said
master (10) to obtain a predetermined
surface roughness value, it is proposed
that said method furthermore comprises
the step of coating at least a part of said
master (10) with a soluble smoothening
layer (16). The invention further
relates to a replication master (10) for
producing a smooth object (18, 20)
having a low surface roughness, wherein
at least a part of said master (10) is
coated with a soluble smoothening layer
(16).



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